

# 2009 State Water Plan

## Overview

The 1972 State Legislature established the State Water Plan to ensure the optimum overall benefits of the state's water resources for the general health, welfare, safety, and economic well-being of the people of South Dakota through the conservation, development, management, and use of those resources. The Legislature placed the responsibility for this plan with the Board of Water and Natural Resources.

The State Water Plan, as established in SDCL 46A-1-2, consists of two components – the State Water Facilities Plan and the State Water Resources Management System. To be considered for the State Water Facilities Plan, projects must meet criteria established by the board. These eligibility criteria are used as guidelines for the board, the department, and the water development districts when considering a project for inclusion on the State Water Facilities Plan. Additions to or deletions from the State Water Resources Management System can only be accomplished by the State Legislature.

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## State Water Facilities Plan

The State Water Facilities Plan (Facilities Plan) is a list of potential water projects. The Facilities Plan includes projects such as rural, municipal, and industrial water supply, wastewater collection and treatment facilities, storm sewers, groundwater protection, and watershed restoration. The board is responsible for approving the placement of projects on the Facilities Plan. Projects on the Facilities Plan are eligible to seek state and federal financial assistance. The board can provide direct assistance to projects on the plan and placement on the plan may influence federal and other state agency funding decisions.

In November 2008, the board received 34 applications requesting placement on the State Water Plan. The board placed all 34 of the projects on the Facilities Plan, bringing the total number of projects on the 2009 State Water Facilities Plan to 92 (Table 10). The 34 projects placed on the plan in November will remain on the Facilities Plan through 2010. Projects placed on the plan in November 2007, or that were amended onto the plan during calendar year 2008 will remain on the Facilities Plan through 2009. The bolded projects in Table 10 reflect projects that have received either partial or full funding. The bolded amounts on these projects reflect the amount that has been awarded to date. The projects remain on the Facilities Plan and remain eligible to request additional funding.

Additional projects may be placed on the Facilities Plan during the year. Projects placed on the Facilities Plan through the amendment process remain on the plan for the balance of the calendar year and the following year. Once a project is removed from the Facilities Plan, the project sponsor must submit a new state water plan application to be eligible to seek assistance.

*Table 10*

## 2009 STATE WATER FACILITIES PLAN

<u>Sponsor</u>	<u>Project Description</u>	<u>On Plan Through</u>	<u>Proposed Funding Source*</u>			<u>Total Project</u>
			<u>CWFCP</u>	<u>CWSRF</u>	<u>DWSRF</u>	
Arlington	Water & Sanitary Sewer Improvements	2009	140,000			579,000
Aurora-Brule RWS	Water Intake Improvements	2009	250,000			4,249,794
<b>Beresford</b>	<b>East Street Watermain Improvement</b>	<b>2009</b>	<b>100,000</b>			<b>212,000</b>
<b>Big Sioux Comm. Water</b>	<b>Water Supply and Treatment</b>	<b>2009</b>	<b>200,000</b>			<b>2,969,280</b>
<b>Black Hawk WUD</b>	<b>Water Storage and Distribution</b>	<b>2009</b>			<b>1,142,000</b>	<b>1,480,000</b>
Bon Homme-Yankton Water	Douglas Co. Expansion	2009	300,000			557,478
Bon Homme-Yankton Water	Raw Water Intake #3	2010	300,000			9,100,000
<b>Box Elder</b>	<b>Wastewater Treatment</b>	<b>2010</b>	<b>400,000</b>			<b>5,986,200</b>
Box Elder	Water Supply and Storage Improvements	2009	553,000			7,132,000
Brookings	SDSU Innovation Campus Infrastructure	2010		1,294,930		3,830,850
Canistota	Ash St. Water & Wastewater Replacement	2010	500,000	130,519	412,298	1,042,817
Canova	Wastewater Lagoon Expansion	2010	100,000	33,150		268,315
Canton	Wastewater Treatment Facility Upgrade	2010	600,000	2,155,000		3,255,000
Centerville	Colman Street Storm Sewer	2010		450,000		775,700
<b>Chamberlain</b>	<b>Water Treatment Improvements</b>	<b>2009</b>	<b>100,000</b>		<b>276,500</b>	<b>967,000</b>
Clark	Sludge Storage Tank Improvements	2010	31,500			63,000
Clark RWS	Water Treatment Plant	2009	666,000		999,000	6,660,000
Copper Oaks I Water Assoc.	Well Facility Improvements	2009	96,550		96,550	193,900
Corson Village San. Dist.	Water Supply & Distribution Improvements	2010			441,186	441,186
<b>Delmont</b>	<b>Water Main Improvements</b>	<b>2009</b>		<b>185,000</b>		<b>367,720</b>
<b>Edgemont</b>	<b>Water System Improvements</b>	<b>2009</b>	<b>200,000</b>			<b>400,000</b>
Elkton	Wastewater Lagoon Improvements	2010	100,000	300,000		434,305
<b>Elk Point</b>	<b>Clay Street Water/Wastewater</b>	<b>2009</b>	<b>300,000</b>	<b>100,000</b>	<b>564,000</b>	<b>1,340,000</b>
Elk Point	Main Street Water/Wastewater	2009	600,000	145,223	625,000	1,471,000
Enemy Swim San. Dist.	Wastewater Collection and Treatment	2010	500,000			3,368,154
Emery	Wastewater Treatment	2009	50,000			849,626
Engleharts Estates	Water Supply and Distribution Upgrades	2010	130,000		129,100	259,100
<b>Fall River WUD</b>	<b>North Expansion and Well Project</b>	<b>2010</b>	<b>350,000</b>			<b>3,490,771</b>
Faulton	Water System Improvements	2010	500,000			2,450,000
Frankfort	Wastewater Collection Improvements	2009	61,050			183,150
<b>Fort Pierre</b>	<b>Storm Water Drainage</b>	<b>2010</b>		<b>374,620</b>		<b>3,000,000</b>
Gayville	Water Distribution Improvements	2010	75,000		275,000	476,000
Green Valley San. Dist.	Water System Construction	2009	765,300			4,216,002
Green Valley San. Dist.	Wastewater Collection System Construction	2009	900,000	2,092,000		6,009,582
<b>Harrisburg</b>	<b>Elevated Water Storage Tower</b>	<b>2009</b>	<b>300,000</b>		<b>2,090,000</b>	<b>2,715,000</b>
<b>Harrold</b>	<b>Storm Drainage</b>	<b>2010</b>		<b>170,000</b>		<b>400,000</b>
Hermosa	Wastewater Collection and Treatment	2009	338,645			2,032,095
Highmore	Wastewater and Storm Water	2009	500,000			2,035,000
Hill City	Water System Improvements	2010	300,000			1,365,000
Hughes County	Cow/Spring Creek Water Storage	2010	277,500		277,500	555,000
Hurley	Water System Improvements	2009	100,000		71,064	171,064
Java	Water Line Replacement	2009	200,000			705,400
Kingbrook RWS	2008 System Improvements	2009	500,000		4,200,000	6,850,000
<b>Kingbrook RWS</b>	<b>Winfred Water System</b>	<b>2009</b>	<b>50,000</b>			<b>122,000</b>
Lead	Sewer Separation	2010	100,000	200,000		400,000
<b>Lennox</b>	<b>Wastewater System Improvements</b>	<b>2009</b>	<b>400,000</b>	<b>956,400</b>		<b>1,610,400</b>
<b>Marion</b>	<b>Wastewater System Improvements</b>	<b>2009</b>	<b>200,000</b>	<b>1,710,000</b>		<b>2,034,100</b>
<b>Mellette</b>	<b>Water and Wastewater Improvements</b>	<b>2009</b>	<b>75,000</b>			<b>224,020</b>
Menno	Highway 18 Water/Wastewater	2010				172,500
Mid-Dakota	Water Treatment & Distribution Expansion	2009	2,000,000			15,000,000
<b>Mission Hill</b>	<b>Water System Improvements</b>	<b>2009</b>			<b>250,000</b>	<b>525,500</b>
Mitchell	Lift Station Replacement	2009	500,000	1,000,000		1,650,000
Mobridge	Storm Sewer Improvements	2009	454,343	302,896		757,239
Montrose	Wastewater Treatment Facility Upgrade	2010	300,000	495,886		795,886
Morristown	Water System Rehabilitation	2009				419,880
New Underwood	Water treatment	2009			163,750	327,500
Newell	Sewer and Water Main Reconstruction	2009				227,700
Oacoma	Water Storage	2010	500,000		914,800	1,514,800
Parker	Sewer & Water Distribution Improvements	2010	500,000	650,855	204,015	1,354,900
<b>Pierre</b>	<b>Lanfill Slide Remediation</b>	<b>2009</b>		<b>976,953</b>		<b>976,953</b>
<b>Provo Township</b>	<b>Water System Rehabilitation</b>	<b>2010</b>	<b>200,000</b>			<b>502,218</b>

<u>Sponsor</u>	<u>Project Description</u>	<u>On Plan Through</u>	<u>Proposed Funding Source*</u>			<u>Total Project</u>
			<u>CWFCP</u>	<u>CWSRF</u>	<u>DWSRF</u>	
Quinn	New Sanitary Sewer System	2009	368,800			737,685
Randall Comm. Water District	Water System Improvements	2009	1,000,000			29,930,000
<b>Sioux Falls</b>	<b>Wastewater Improvements</b>	<b>2009</b>		<b>5,657,000</b>		<b>5,657,000</b>
<b>Sioux Falls</b>	<b>Central Main Interceptor</b>	<b>2009</b>		3,744,000		3,744,000
<b>Sioux Falls</b>	<b>Storm Sewer Detention System</b>	<b>2009</b>		<b>2,621,000</b>		<b>2,621,000</b>
<b>Sioux Falls</b>	<b>Water Treatment Improvements</b>	<b>2009</b>			<b>17,848,000</b>	<b>17,848,000</b>
<b>Sioux Falls</b>	<b>Water Supply Improvements</b>	<b>2009</b>			<b>2,200,000</b>	<b>2,200,000</b>
<b>Sioux Falls</b>	<b>Water Distribution Improvements</b>	<b>2009</b>			<b>2,705,600</b>	<b>2,705,600</b>
Sioux Falls	Basin 13 Trunk Sewer & Pipe Lining	2010		2,540,000		2,540,000
Sioux Falls	Water Reclamation Fac. Energy Recovery	2010		1,803,000		1,803,000
Sioux Falls	Water Main and Valve Replacement	2010			7,606,900	7,606,900
Sioux Falls	Well Improvements and Rehabilitation	2010			3,578,750	3,578,750
Spearfish	Well Improvements	2009			1,300,000	1,500,000
Spearfish	Industrial Park Detention Facility	2009		120,000		120,000
Spearfish Meadows	Water Distribution System	2009	80,000		170,000	250,000
Summerset	Wastewater Treatment Plant Purchase	2009	500,000	2,623,100		3,123,100
Summit	Wastewater System Improvements	2010	100,000			1,042,555
Tripp	Storm Sewer	2009	100,000			803,260
<b>Tripp Co. WUD</b>	<b>Water System Expansion</b>	<b>2009</b>	<b>350,000</b>			<b>4,120,000</b>
<b>Vermillion</b>	<b>Wastewater Treatment Phase II</b>	<b>2009</b>		<b>4,851,000</b>		<b>5,616,000</b>
<b>Viborg</b>	<b>Water System Improvements</b>	<b>2009</b>			<b>249,775</b>	<b>415,500</b>
Wall Lake San. District	Wastewater Facilities Improvements	2009	220,000			396,600
Warner	Water Tower & Meter Replacement	2009	200,000		193,950	693,950
Watertown	Wastewater Treatment Facility Headworks	2009		9,207,400		9,207,400
<b>Watertown</b>	<b>Water System Improvements</b>	<b>2009</b>			<b>23,760,000</b>	<b>23,760,000</b>
<b>Waubay</b>	<b>Phase 2 Water/Wastewater Improvements</b>	<b>2009</b>	<b>400,000</b>			<b>2,978,000</b>
Webster	Wastewater Treatment Facilities Expansion	2010	600,000	3,742,300		4,857,300
Whitewood	Trunk Sewer Improvements	2010				462,000
Wolsey	Sanitary & Storm Sewer Separation	2010	100,000	347,100		910,600
Woonsocket	Wastewater Treatment Improvements	2009	80,000			1,086,530
Yankton	Water System Improvements	2010	2,000,000		13,000,000	20,915,600
<b>TOTALS</b>			<b>\$21,862,688</b>	<b>\$50,979,332</b>	<b>\$84,829,938</b>	<b>\$279,252,415</b>

\* CWFCP - Consolidated Water Facilities Construction Program  
CWSRF - Clean Water State Revolving Fund Loan Program  
DWSRF - Drinking Water State Revolving Fund Loan Program

The **bolded projects** in Table 10 reflect projects that have received either partial or full funding. The **bolded amounts** on these projects reflect the amount that has been awarded to date.